

True Fit Tank Fittings

HANSEN[™]

Best Installed Value



After the success of the Hansen Polythene Pipe Fittings, Hansen Products decided to design and manufacture a range of *True Fit* Tank Fittings as there was a high demand for high quality non-metallic fittings. The Hansen range of *True Fit* Tank Fittings was consequently born and have become well recognised internationally in both domestic and commercial markets for their reliable, dependable sealing capabilities.

Traditionally the *True Fit* Tank Fittings main use has been exactly as its name describes, for tanks! But in actual fact the Hansen Male and Female *True Fit* Tank Fittings have a greater variety of uses: tanks, troughs, marine applications, campers, caravans, irrigation, home applications and a wide range of other domestic and commercial settings. The Hansen range of *True Fit* Tank Fittings have the qualifications that assure you have chosen the best tank fitting solution available for your application.

With over 60 years experience in manufacturing, Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty*

*For more information on our warranty please go to Legal section

Features and Benefits

- Designed for use in tanks, troughs and a wide variety of marine applications
- Manufactured from UV stabilised high quality glass fibre reinforced nylon giving a weather, termite, fungi and bacterial resistance
- An extensive range of fittings in sizes 15mm to 100mm (1/2" to 4")
- Precision heavy duty tapered threads give a strong reliable seal
- Material is strong enough to minimise potential cross threading
- Fittings provide flexibility and versatility for new and existing installations, saving on time and money
- All materials are fully resistant to salt water making them ideally suited to marine applications

Standards & Approvals

AS/NZS 4020:2018 HANSEN[™] *True Fit* Tank Fittings from 15mm to 100mm have met the requirements of AS/NZS 4020:2018 Australia & New Zealand drinking water test standard.

WRAS approval means that HANSEN[™] *True Fit* Tank Fittings are approved for use with potable (drinkable) water, and that they will not leach contaminants into the water.

See our website for further details on approvals.

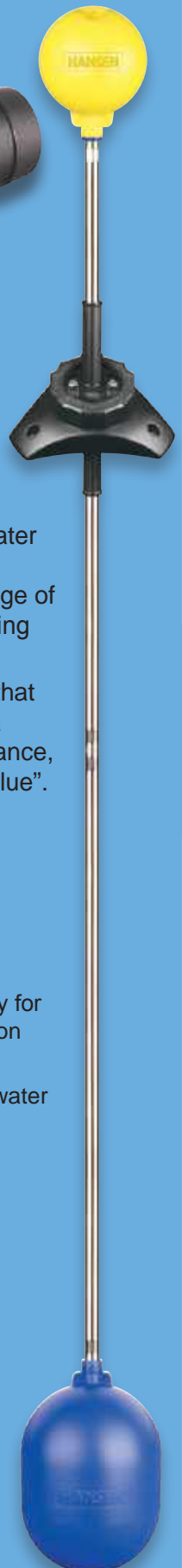
Conversions

15mm - 1/2"	50mm - 2"
20mm - 3/4"	65mm - 2 1/2"
25mm - 1"	80mm - 3"
32mm - 1 1/4"	100mm - 4"
40mm - 1 1/2"	

16 Bar – 1600 kPa – 235 psi
10 Bar – 1000 kPa – 145 psi

20° Celcius – 68° Fahrenheit

TANK



True Fit Tank Fittings

Used for connecting valves and pipes to tanks and troughs.
Comes with 1 x LDPE Washer & 1 x Rubber Washer.



Female Tank Fitting Black
BSPT or NPT

Code	Metric	Imperial	Pack Size	RRP
HTFFTB15	15mm	1/2"	EA	\$10.27
HTFFTB20	20mm	3/4"	EA	\$10.91
HTFFTB25	25mm	1"	EA	\$13.02
HTFFTB32	32mm	1 1/4"	EA	\$19.59
HTFFTB40	40mm	1 1/2"	EA	\$25.85
HTFFTB50	50mm	2"	EA	\$32.75

NPT Products are a non stock item, available on request

Female Tank Fitting Black
(80mm & 100mm)
BSPT or NPT



Larger version Female Tank Fitting that incorporates a left hand thread. Used for connecting valves and pipes to tanks and troughs.
Comes with 1 x LDPE Washer & 1 x Rubber Washer.

Code	Metric	Imperial	Pack Size	RRP
HTFFB80	80mm	3"	EA	\$171.92
HTFFB100	100mm	4"	EA	\$219.64

NPT Products are a non stock item, available on request

Short Female Tank Fitting Black
BSPT or NPT



Used for connecting valves and pipes to tanks and troughs.
Comes with 1 x LDPE Washer & 1 x Rubber Washer.

Code	Metric	Imperial	Pack Size	RRP
HTFFB15S	15mm	1/2"	EA	\$10.27
HTFFB20S	20mm	3/4"	EA	\$10.91
HTFFB25S	25mm	1"	EA	\$13.02
HTFFB32S	32mm	1 1/4"	EA	\$19.59
HTFFB40S	40mm	1 1/2"	EA	\$25.85
HTFFB50S	50mm	2"	EA	\$32.75

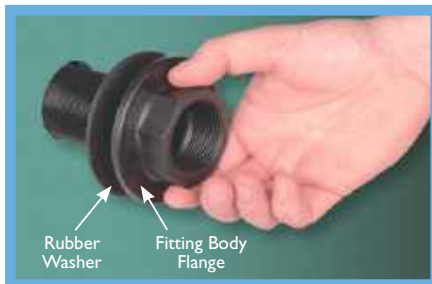
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TECHNICAL INFORMATION *True Fit Tank Fittings*

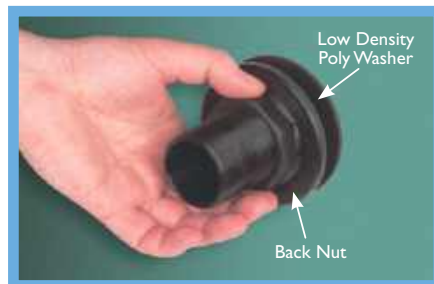
True Fit Tank Fittings Quick & Easy Installation

- Prior to installation, refer to tank manufacturer's recommendations before drilling outlet in tank wall.
- All pipe work must be adequately supported.
- Use a thread sealant on all threaded connections. We recommend Loctite 5331.
- If you are using chemicals or have any special requirements that you wish to use your Tank Fittings in, go to the Tank Fitting Chemical Resistance page or don't hesitate to contact us.
- Please refer opposite page for Minimum Recommended Hole Sizes.
- Check the sealing surface to ensure it is free from debris and/or scratches which could cause leakage.
- To obtain proper washer compression for fitting installation ensure the face of the washers fully contacts the tank wall.
- Tighten the nut to ensure a water tight seal.
- HANSEN™ *True Fit* Tank Fitting can be used in conjunction with metal fittings.

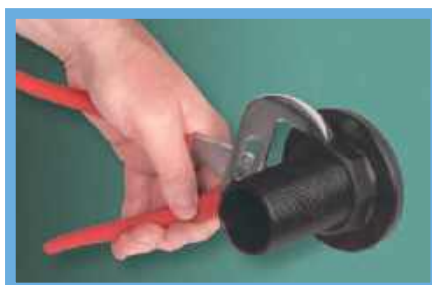
True Fit Tank Fittings Installation Steps



1. Remove the **Back Nut** and the **Low Density Poly Washer** (the firmer of the 2 washers) from the **Tank Fitting Body**. Slide the **Tank Fitting Body** through the hole in the tank. The **Rubber Washer** must be between the **Fitting Body Flange** and the **tank wall** (ensure the ribs on the **Rubber Washer** are sealing against the tank wall).



2. On the inside of the **tank wall**, slide the **Low Density Poly Washer** back onto the **Tank Fitting Body** and then wind on the **Back Nut**.



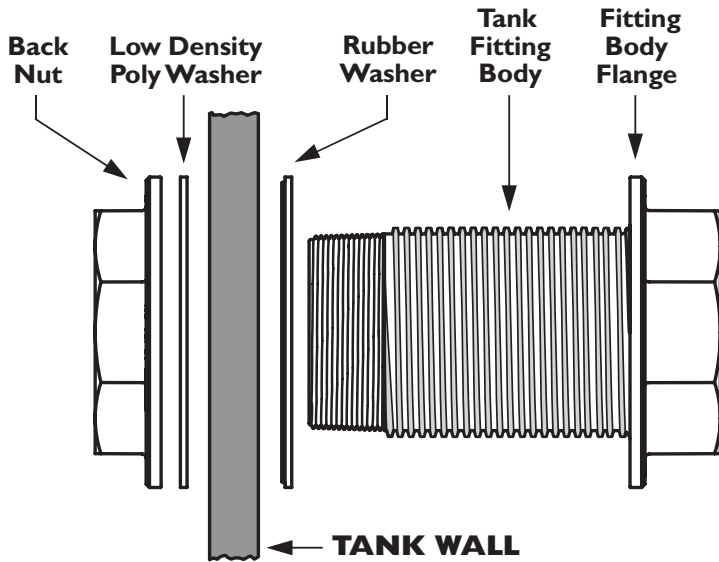
3. Tighten the **Back Nut** so that the face of both washers make full contact with the **tank wall** to obtain a water tight seal. Ensure that you comply with the tank manufacturers specifications.



4. When adding additional fittings it is recommended that either a thread sealing paste or thread sealing tape be used on all threaded connections. We recommend LOCTITE 5331

True Fit Tank Fittings TECHNICAL INFORMATION

True Fit Tank Fittings Installation Steps



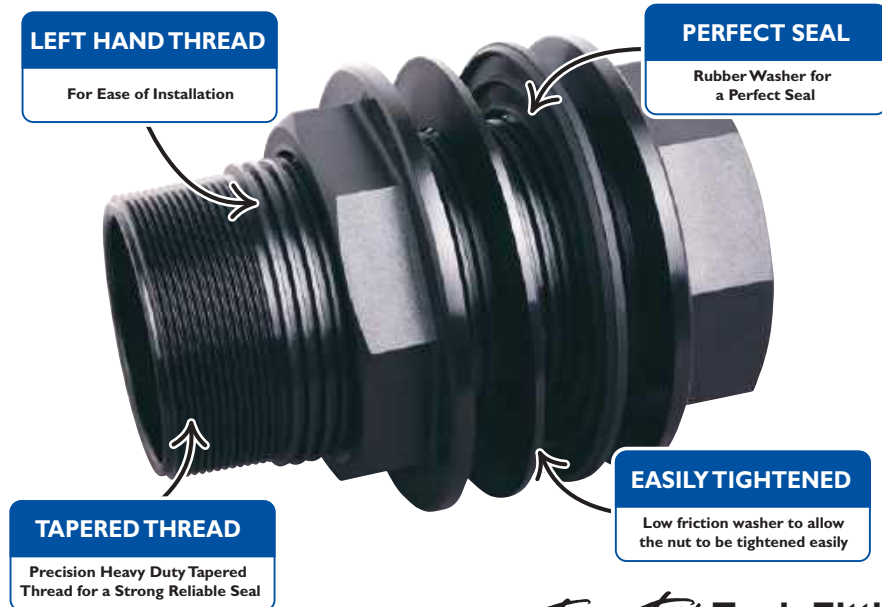
Tank Fitting Recommended Hole Saw Size:

15mm	=	22mm	or	7/8"	Hole Saw
20mm	=	27mm	or	1 1/16"	Hole Saw
25mm	=	34mm	or	1 3/8"	Hole Saw
32mm	=	42mm	or	1 5/8"	Hole Saw
40mm	=	48mm	or	1 7/8"	Hole Saw
50mm	=	60mm	or	2 3/8"	Hole Saw
80mm	=	95mm	or	3 3/4"	Hole Saw
100mm	=	121mm	or	4 3/4"	Hole Saw

Tank Fitting Minimum Recommended Hole Size:

Hole Size for 15mm	=	22mm
Hole Size for 20mm	=	27mm
Hole Size for 25mm	=	34mm
Hole Size for 32mm	=	42mm
Hole Size for 40mm	=	48mm
Hole Size for 50mm	=	60mm
Hole Size for 80mm	=	95mm
Hole Size for 100mm	=	121mm

LARGE TANK FITTING



True Fit Tank Fittings Pressure Rating

Fitting Size	MAX PRESSURE @ 20 Degrees Celsius
15mm - 50mm	16 Bar (1600 kPa. 235 psi)
80mm	10Bar (1000kPa. 145 psi)
100mm	10 Bar (1000 kPa. 145 psi)

Hansen have tested all its products for use with cold water up to a maximum temperature of 60°C (140°F). We do not recommend the use of these products with temperatures higher than 60°C (140°F) as plastic expands due to temperature increases. Hansen cannot guarantee the products will perform when used with temperatures over 60°C (140°F). Hansen products that have failed in temperatures higher than 60°C (140°F) will not be covered by limited lifetime warranty.

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